

05-26-03



23351

PATENT TRADEMARK OFFICE

AF#  
2834

Practitioner's Docket No. LAR-15348-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Richard F. Hellbaum, Robert G. Bryant, Robert L. Fox, Antony Jalink, Jr., Wayne W. Rohrbach, and Joycelyn S. Harrison

Application No.: 09/797,553

Group No.: 2834

Filed: 01/24/97

Examiner: M. Budd

For: Thin Layer Composite Unimorph Ferroelectric Driver And Sensor

Commissioner for Patents  
Washington, D.C. 20231

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TC 1700

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: ER 120787788 US

Date of Deposit: March 25, 2003

I hereby state that the following *attached* papers:

Petition and Fee for Extension of Time – 2 pgs. (2 copies)  
Notice of Appeal – 1 pg. (2 copies)  
Fee Transmittal for FY 2003 – 1 pg. (2 copies)  
Return Postal Card

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Commissioner for Patents, Washington, D.C. 20231.

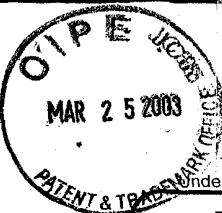
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Elaine C. McMahon  
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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 1,250.00)

PTO/SB/17 (01-03)  
Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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## Complete if Known

Application Number	08/797,553
Filing Date	January 24, 1997
First Named Inventor	Richard F. Hellbaum
Examiner Name	Budd, M.
Art Unit	2834
Attorney Docket No.	LAR 15348-2

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number  
Deposit Account Name

14-0116

National Aeronautics & Space Administration

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1001 750	2001 375			Utility filing fee	
1002 330	2002 165			Design filing fee	
1003 520	2003 260			Plant filing fee	
1004 750	2004 375			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>					930.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			-3** =	X	=

Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description
1202 18	2202 9			Claims in excess of 20
1201 84	2201 42			Independent claims in excess of 3
1203 280	2203 140			Multiple dependent claim, if not paid
1204 84	2204 42			** Reissue independent claims over original patent
1205 18	2205 9			** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>				

\*\*or number previously paid, if greater; For Reissues, see above

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 410	2252 205			Extension for reply within second month	
1253 930	2253 465			Extension for reply within third month	
1254 1,450	2254 725			Extension for reply within fourth month	
1255 1,970	2255 985			Extension for reply within fifth month	
1401 320	2401 160			Notice of Appeal	
1402 320	2402 160			Filing brief in support of an appeal	
1403 280	2403 140			Request for oral hearing	
1451 1,510	1451 1,510			Petition to institute a public use proceeding	
1452 110	2452 55			Petition to revive - unavoidable	
1453 1,300	2453 650			Petition to revive - unintentional	
1501 1,300	2501 650			Utility issue fee (or reissue)	
1502 470	2502 235			Design issue fee	
1503 630	2503 315			Plant issue fee	
1460 130	1460 130			Petitions to the Commissioner	
1807 50	1807 50			Processing fee under 37 CFR 1.17(d)	
1806 180	1806 180			Submission of Information Disclosure Stmt	
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 750	2809 375			Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375			For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375			Request for Continued Examination (RCE)	
1802 900	1802 900			Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3) (\$)</b>	1,250.00

(Complete if applicable)

Name (Print/Type)	Robin W. Edwards	Registration No. (Attorney/Agent)	39,179	Telephone 757-864-3230
Signature	Robin W. Edwards			Date 3/25/03

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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PTO/SB/31 (02-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCENOTICE OF APPEAL FROM THE EXAMINER TO THE  
BOARD OF PATENT APPEALS AND INTERFERENCESDocket Number (Optional)  
LAR 15348-2

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Assistant Commissioner for Patents, Washington D.C. 20231" on 3/25/03

Signature Elaine C. McMahon  
Typed or printed  
name Elaine C. McMahon

In re Application of

Richard F. Hellbaum, et al.

Application Number <u>09-097797,553</u>	Filed January 24, 1997
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For

Thin Layer Composite Unimorph Ferroelectric Driver and Sensor

Group Art Unit 2834	Examiner Budd, M.
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Applicant hereby **appeals** to the Board of Patent Appeals and Interferences from the last decision of the examiner.

The fee for this Notice of Appeal is (37 CFR 1.17(b)) \$ 320.00

- Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: \$ \_\_\_\_\_
- A check in the amount of the fee is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Commissioner has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet.
- The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 14-0116. I have enclosed a duplicate copy of this sheet.
- A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.

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I am the

- applicant/inventor.
- assignee of record of the entire interest.  
See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- attorney or agent of record.
- attorney or agent acting under 37 CFR 1.34(a).  
Registration number if acting under 37 CFR 1.34(a). 39,179

Signature

Robin W. Edwards

Typed or printed name

3/25/03

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of 2 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

04/01/2003 CNGBUYEN 00000057 140116 09797553

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